Vishal Rajaram

LinkedIn Profile Github Profile

Email: 126015122@sastra.ac.in

Mobile: +91 9923593901

About Me : Data Science Intern with hands-on experience in machine learning and data analysis projects. Proficient in Python, Pandas, NumPy, and scikit-learn, with proven success in predictive modeling and data preprocessing. Demonstrates strong problem-solving and communication skills, eager to translate complex data into actionable insights for fintech applications.

EDUCATION

- **SASTRA University (NIRF Rank - 38th)** — Thanjavur, India
  Bachelor of Technology - Information Technology; SGPA :8.61 — *Oct 2022 - May 2026*
  Courses: *Operating Systems, Data Structures, Computer Networks, Databases, Machine Learning, Software Engineering ,Data Mining.*

SKILLS SUMMARY

- **Languages** :   Python, C, C++, Bash, SQL, MongoDB, JAVA, HTML, CSS, JavaScript.
- **Frameworks/Libraries** :   Django , Scikit, Numpy, Pandas, NLTK, Spacy, OpenCV, Pytorch, TensorFlow, Flask, NodeJS.
- **Tools** :   VS Code, GIT, Jupyter Notebook, MySQL, Colab, AWS, Kali, Metasploit.
- **Soft Skills** :   Leadership, Communication, Problem Solving, Time Management

EXPERIENCE

- **Prodigy InfoTech** — PUNE (Remote)
  Software Development Intern — *Feb 2025 - March 2025*
    - **Developed automation programs**: temperature conversion, number guessing, and contact management, improving logic, data handling, and user interaction.
    - **Sudoku solver and web scraper**: e-commerce data extraction, enhancing problem-solving, recursion and web scraping skills.(In Developmental Stage)
    - **Miscellaneous**: Learnt abt Software process model, Software Development Life Cycle, etc.

- **Codsoft** — PUNE (Remote)
  Data Science Intern — *Dec 2024 - Jan 2025*
    - **Developed ML models**: for Titanic survival, sales forecasting, iris classification, and credit card fraud detection using Python, pandas, NumPy, and scikit-learn.
    - **Performed data preprocessing and model evaluation**: applying EDA, feature engineering, and classification/regression techniques to enhance accuracy.
    - **Strengthened problem-solving and analytical skills**: gaining hands-on experience in predictive modeling, anomaly detection, and real-world data handling.

- **MasterCard Cybersecurity Job Simulation** — PUNE (Remote)
  Job Simulation Forage Certified — *Dec 2024*

- **Siemens Project Manager Job Simulation** — PUNE (Remote)
  Job Simulation Forage Certified — *Dec 2024*

PROJECTS

- **Classification of sleeping disorders Using Machine Learning (KNN, SVM, DT ,RF, ANN)**:
  Working under Dr.Hariharan (Asst. Prof at SASTRA) to develop a model to classify sleeping disorder like sleep apnoea and insomnia and predict factors that cause sleeping disorder and eventually improve human life. Tech: Python, ML,DL, Colab (Present)

- **Detection of Skin Cancer Using Machine Learning (Image processing, YOLO, Label Me)**: Working under Dr.Emily Jennifer (Asst. Prof at SASTRA) to develop a model utilizing image processing and YOLO for early skin cancer detection. Employed LabelMe for data annotation. Tech: Python, ML, Colab   (Present)

- **Internshaala Automation (Ideation stage)**:   AI that will automatically apply for interns at internshaala with the details given by the user until it has submitted 'n' applications. (Present)

- **Fraud Detection in Financial Transactions**: Developed a machine learning model to detect fraudulent financial transactions using Decision Tree, XGBoost, KNN, Random Forest, and Histogram-Based Gradient Descent. Achieved the highest accuracy with Decision Tree. Evaluated model performance using confusion matrix, classification report, precision, and recall. Currently working on real-time fraud detection implementation. Tech: ML, Colab, Seaborn, Matplotlib,etc. (Nov '24)

Leadership and Extracurricular Involvement

- **Daksh Promotions and Outreach**
  Senior Associate *Oct 2022 – Present*
  - **Work**: Conducted promotion and outreach for DAKSH (technical fest) across various colleges.Designed, marketed, and managed hackathons, events, tech talks, and workshops.

- **Association Of Computing Engineers**
  Core Member *Sept 2023 – Dec 2024*
  - **Work**: Conducted and managed hackathons, coding events, workshops. Also worked in development side.

- **Entrepreneur-Cell Sastra**
  Marketing Associate *Sept 2023 – Oct 2024*
  - **Work**: Handled digital marketing, poster creation, finance, sponsorship, etc.

Certifications

- System Design Course - Feb 2024
- AWS Course - June 2024

Hobbies

- Singing, Drawing, Product Design, Product Development, Web Development, Swimming, Cooking, Badminton and Playing key board.